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(54) Title: LED-BASED LIGHT BULB

(57) Abstract: A light source (10) comprises a light engine (16), a base (24), a power conversion circuit (30) and an enclosure (22). The light engine (16) comprises at least one LED (12) disposed on a platform (14). The platform (14) is adapted to directly mate with the base (24) which a standard incandescent bulb light base. Phosphor (44) receives the light generated by the at least one LED (12) and converts it to visible light. The enclosure (22) has a shape of a standard incandescent lamp.

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